

No of ounces of pure silver in disks of different diameters
and of one inch thickness.

C.I. water @ 60° Fah. 30" Bar = 252.47 grs.

C.I. Pure silver @ 60° + 30' = 2638.31 grs = 5496.475 oz. Troy

S. Inches

oz. pure silver

$$\text{Sp. gr. Ag. @ } 60^{\circ} + 30' = 10.45 \text{ l. } \left\{ \begin{array}{l} .7853982 = 1.8950900 \\ 5.496475 = 0.7400842 \end{array} \right.$$

d	d ²	d ² x .7853982	d ² x .785398 x 5.496475	1. diff	2. diff
9	81	63.6173	349.677	73.387	8.634
10	100	78.5398	431.6922	82.025	8.634
11	121	95.0323	522.342	90.654	8.633
12	144	113.097	621.497	99.288	8.634
13	169	132.732	729.560	107.923	8.635
14	196	153.938	846.117	116.555	8.632
15	225	176.715	971.307	125.190	8.635
16	256	201.062	1105.139	133.822	8.632
17	289	226.980	1247.5805	142.46	8.64
18	324	254.469	1398.68	151.09	8.63
19	361	283.529	1558.41	159.72	8.63
20	400	314.159	1726.77	168.36	8.64
21	441	346.361	1903.76	176.99	8.63
22	484	380.133	2089.39	185.63	8.64
23	529	415.476	2283.65	194.26	8.63
24	576	452.389	2486.55	202.89	8.63
25	625	490.874	2698.08	211.53	8.64
9-8	64	50.2655	276.283	73.387	8.634
7	49	38.4845	211.529	56.119	8.634
6	36	28.2743	155.409	47.486	8.634
5	25	19.63496	107.923	38.852	8.634
4	16	12.5664	69.0707	30.2184	8.634
3	9	7.0685	38.8523	21.5848	8.6346
2	4	3.141592	17.2677	12.9502	8.63332
1	1	.7853982	4.31692		

d	d ²	area in square inches d ² x .7853982	on pure silver area x .5496475		
26	676 ⁵¹	530.929	^{2698.08} 2918.24	^{217.53} 220.16	8.63
27	729 ⁵³	572.555 572.555	3147.04 3147.04	228.80	8.64
28	784 ⁵⁵	615.752	3384.47	237.43	8.63
29	841 ⁵⁷	660.520	3630.53	246.06	8.63
30	900 ⁵⁹	706.858	3885.23	254.70	8.64
31	961 ⁶¹	754.768	4148.56	263.33	8.63
32	1024 ⁶³	804.248	4420.53	271.97	8.64
33	1089 ⁶⁵				
34	1156 ⁶⁷				
35	1225 ⁶⁹				
36	1296 ⁷¹				
37	1369 ⁷³				
38	1444 ⁷⁵				
39	1521 ⁷⁷				
40	1600 ⁷⁹				